

Translation of Annex to International Preliminary Report on Patentability

Patent Claims

1. Method for the isolation of human mesenchymal stem cells from bone marrow, wherein the cells are isolated from a fraction having a density of 1.050 - 1.070 g/ml.
2. Method according to claim 1, wherein an isotonic solution of Ficoll® or Percoll® is used to perform the density gradient centrifugation.
3. Method according to claim 2, wherein Percoll® is used and the density is 1.068 g/ml.
4. Mesenchymal stem cells, obtained according to a method of claims 1 to 3.
5. Pharmaceutical preparation, containing cells according to claim 4.
6. Method for the manufacture of a pharmaceutical preparation containing mesenchymal stem cells, wherein a method according to claims 1 to 3 is performed and the isolated cells are formulated if necessary with pharmaceutically acceptable excipients and carriers.
7. Use of a solution of Ficoll® or Percoll® of density 1.068 g/ml to perform density gradient centrifugation for isolating mesenchymal stem cells from bone marrow.